Dyes and Pigments **24** (1994) 313–314

CONTENTS OF VOLUME 24

Number 1

1 Effect of pH on the Fading Behavior of Vinylsulfonyl Azo Dyes on Cellulose in Aqueous Solutions
Y. OKADA, M. SAKAI, I. TAKAHASHI & Z. MORITA (Japan)

11 Ionization and Tautomerism of Fluorescein, Rhodamine B, N,N-Diethylrhodol and Related Dyes in Mixed and Nonaqueous Solvents
N. O. MCHEDLOV-PETROSSYAN, V. I. KUKHTIK (Ukraine) & V. I. ALEKSEEVA (Russia)

37 New Dye Systems Containing a C≡C Bond
S. NAKATSUJI, K. NAKASHIMA, S. AKIYAMA & H. NAKAZUMI (Japan)

59 Dyeing in the Presence of Free Radical Initiators. Part 5 - The Effects of Radical Initiators on Nylon 6.6
S. M. BURKINSHAW (UK) & J.G. LU (Taiwan)

75 Synthesis and Properties of Fluorescent Bis-Quaternized Perylene Dyes
T. DELIGEORGIEV, D. ZANEVA, I. PETKOV, II. TIMCHEVA (Bulgaria) & R. SABNIS (USA)

Number 2

83 Synthesis and Electronic Absorption Spectra of 3-Cyano-4,6-Dinitro-and 3-N, N-Dialkylcarbamoyl-4,6-Dinitro-Phenylazo Dyes
R. NAEF (Switzerland)

93 Monomethine Cyanine Dyes Containing Benz[c,d]indole and Pyrylium End-Groups
N. GADJEV, T. DELIGEORGIEV, I. KANEV, M. TASSEVA (Bulgaria) & R. SABNIS (USA)

99 Coordination of Histidine to the Copper Atom of a Metal-Complex Reactive Azo Dye on Cellulose
Y. OKADA, T. KAWANISHI, H. MOTOMURA & Z. MORITA (Japan)

113 Colour and Constitution Relationships in Organic Pigments. Part 3 - Phthalocyanines
R. M. CHRISTIE & B. G. FREER (UK)

125 Design of Chlorine-Fast Reactive Dyes. Part 3: Structure-Fastness Relationship in Twice-Coupled H-acid Dyes and Their Analogues
T. OMURA (Japan)

143 A New Fluorescent Triphenodioxazine Dye Derived from 4-Aminodiphenylamine
YUCHANG SHAO & JINZONG YANG (China)

151 The Natural Fluorescence of Wool
S. COLLINS, R. S. DAVIDSON, M. E. C. HILCHENBACH & D. M. LEWIS (UK)

Dyes and Pigments (**24**) (1994) © Elsevier Science Limited, England. Printed in Great Britain

Number 3

171 Electronic Properties of Polymethine Systems. 3. Polymethine and Quasi-local Electron Transitions
A. D. KACHOVSKI (Ukraine)

185 Structure–Color Correlations of Penta- and Hepta-methines. Syntheses with Nitriles XCIV
C. REIDLINGER, R. DWORCZAK, W. M. F. FABIAN & H. JUNEK (Austria)

205 Dyes for Polyester Microfibres
Y. C. CHAO & S. S. CHEN (Taiwan)

223 Synthesis of Reactive Vinylsulphonyl Azo Dyes for Application in Optical pH Sensing
G. J. MOHR, T. WERNER, O. S. WOLFBEIS & R. JANOSCHEK (Austria)

241 The Amination of Bromanil with 2,5-Diaminobenzenesulphonic Acid
G. HALLAS, A. B. WAREING, A. H. M. RENFREW & J. A. TAYLOR (UK)

Number 4

249 Preparation and Rheology of New Synthetic Thickeners Based on Polyacrylic Acid
M. H. ABO-SHOSHA, M. R. EL-ZAIRY & N. A. IBRAHIM (Egypt)

259 Colour and Constitution Relationship in Organic Pigments. Part 4: Substituent Effects in Phthalocyanines
R. M. CHRISTIE & B. G. FREER (UK)

267 A QSAR Study of the Adsorption by Cellulose Fibre of Anthraquinone Vat Dyes
S. TIMOFEI, W. SCHMIDT, L. KURUNCZI, Z. SIMON & A. SALLÓ (Romania)

281 Studies on Structural Effects in the Reaction between Model Vinylsulfone Reactive Dyes and Methyl-α-D-glucoside. Part I: Synthesis and Identification of Model 'Dye–Fiber' Compounds
ZHU ZHENG-HUA & ZHU WEI-PING (People's Republic of China)

295 Fluorescent Perylene Dyes for Liquid Crystal Displays
R. STOLARSKI & K. J. FIKSINSKI (Poland)

305 Photochemical Decomposition of Phenol Red (Phenolsulphonphthalein)
J. HAY, W. KHAN & J. K. SUGDEN (UK)